

Resource Summary Report

Generated by PRECISE-TBI on Aug 2, 2026

SS-Pon1^{em3Mcwi}

RRID:RGD_12790698

Type: Organism

Proper Citation

RRID:RGD_12790698

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=12790698>

Proper Citation: RRID:RGD_12790698

Description: Rattus norvegicus with name SS-Pon1^{em3Mcwi} from RGD.

Species: Rattus norvegicus

Notes: CRISPR/Cas9 system was used to introduce a mutation in the Pon1 gene of SS/JrHsdMcwi rat embryos. The resulting mutation is a 1-bp insertion of exon 5 in the Pon1 gene. Contact MCW rat distribution at mcwcustomrats@mcw.edu

Catalog Number: 12790698

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Sperm (as of 2021-11-03)

Alternate IDs: 12790698

Organism Name: SS-Pon1^{em3Mcwi}

Record Creation Time: 20230509T191947+0000

Record Last Update: 20260801T194041+0000

Ratings and Alerts

No rating or validation information has been found for SS-Pon1^{em3Mcwi}.

No alerts have been found for *SS-Pon1^{em3Mcwi}*.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Chenouard V, et al. (2021) Advances in Genome Editing and Application to the Generation of Genetically Modified Rat Models. *Frontiers in genetics*, 12, 615491.